

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Michael.J.Knudsen@att.com
Subject: Re:
Message-ID: <9512181717.AA23912@bock.ih.att.com>

I think fish line is too stretchy for dial cord, too slippery to grip the knob shaft, and may not wear well.

Maybe Rat Shack can still vet it in their special-order catalog. Antique Radio Supply certainly has it -- I've bought theirs in both Regular and Heavy-Duty sizes, and they have a Fine size too.

BTW, when was it? Around the time sand replaced real electronics? When radio makers stopped using cloth-covered dial cord and went to that slippery synthetic stuff? The new stuff may wear longer, but it's so slippery that the tensions had to be jacked way up, and as a result the feel is "squishy" and full of backlash, cause all the pulley mountings in the radio are stretched out of alignment by the cord tension.

I have some otherwise fine S-S radios that I hate to use for this reason. Maybe restringing with AES' Fine size cloth cord would fix it, but that's a difficult experiment. 73, mike k w9nrd

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Terry Burge <terrybu@netman.ENS.TEK.COM>
Subject: Re:
Message-ID: <9512181904.AA12394@netman.ENS.TEK.COM>

Just A thought. You might try the string found in model shops used on sailing ship models and the like. I used some of this on a Hallicrafter TW-1000 with good results (black stuff).

Terry
KI7M

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: aa4rm%amos.UUCP@mathcs.emory.edu (Marty)
Subject: Re: 50 OHM ANTENNAS AND MIL SURPLUS RIGS.
Message-ID: <9512190733.AA00277@amos.YP.mystnite>

Those electrically short antennas are a very LOW impedance and hence the higher RF ammeter readings than are seen @ 50 ohms.

Those AEA and MFJ loops, copies of our own Nam era edn's, are of such low impedance that the series C in the matchers have to have the plates

welded to the rotors to compensate for the current in a, say, .5 ohm load on 40 with 100w.

$I^2 \times R$ there shows current of 14.5A!

So try it at 80 and .05 ohm & the answer comes out abt. 45A!!!

Marty

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: Re: 50 OHM ANTENNAS...BA 377
Message-ID: <951219154201_103012.2130_GHU113-3@CompuServe.COM>

Dave Stinson's post on using coax fed antennas with military sets nominally designed for short antennas reminded me that at Houston HAMCOM back in November, I had come across a BC-442-A on one of the tables. It was missing the end plates and vacuum cap, but I went ahead and snagged it anyway, figuring that someone would want it. Thirty minutes later, on one of the tailgates outside, I found not one but three 50pf/7.5kv vacuum caps complete with the end plates and terminals. They look NOS. Maybe they were for retrofitting the BC-442-AM??? Or maybe they were issued to allow restoration in later years what hams had taken apart in earlier... Besides fixing the -442, I can also fix an ATA unit missing the same parts.

Also found a 50pf/7.5kv and a 50pf/5kv without the end plates, and several 12pf/20kv as used in the BC-939 Antenna Tuner (NOT the BC-610, which used 32kv capacitors), and a very nice BC-659. Didn't see very much else. HAMCOM, historically, hasn't been a treasure trove for military BA collectors.

I no longer collect Command Sets, so all of the previously mentioned items are available for sale/trade, except that the antenna tuning units get fixed first.

Dave didn't mention it, but a complete TCS includes an external Antenna Loading Coil (NT-47205). I've used it to load a 60' wire on 160, and presume that it would load a dipole also. The Navy modified some TCS sets with type 'N' connectors for use in submarines, and provided a loading coil unit, essentially the NT-47205 in a different case, but it had some kind of hard-line output connector. You can generally tell the Navy mods from the 'other' kind as follows: no UHF connectors; mounting holes are tapped; 'N' connectors are mounted behind the panel, so that you can still remove the panel without a soldering iron. The ones that I've seen/been told of were also gray, but that may be unrelated.

73, Robert Downs, WA5CAB
103012.2130@compuserve.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Jim Clark <jclark@asu.edu>
Subject: RE: AC/DC Set Restoration & Dangers
Message-ID: <199512191927.MAA09326@x1.asu.edu>

Someone posted a note a few days back (I think in issue 366) about the dangers associated with working with sets that have a hot chassis. He listed the correct rewiring using a polarized plug. I have a BC set that is wired like the FADA he was working on, and would like to follow his scheme. The problem is, my machine ate this BA issue. Kind Sir, could you please repost your note for me, so that I can finally get this set in proper (and safe) condition? Many thanks.

Jim Clark
e-mail: jclark@asu.edu

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: BRIDGERS@gonzo.ccl.org
Subject: An unusual R-390A
Message-ID: <951218155219.204018fa@gonzo.ccl.org>

Recently purchased a very unusual R-390 A that I'd appreciate some help on understanding why it was modified the way it was and some suggestions on how I might use it around the shack....

This Stewart-Warner unit was modified for the Army by Manson Inc to bring three signals out or in (I can't tell which yet): 1) 17 mHz, 2) output from the VF0, and 3) output from the crystal oscillator section. This is done with 3 sub-chassis units; one each that plugs into 1) the octal socket for the 17 mHz crystal, 2) the 5749 tube socket on the VF0, and 3) the 6Ak5 for the crystal oscillator. Each sub-chassis has a relay that is shaped much like a FT-243 crystal; markings on the relay indicates it trips at 4 ma. Power for the relays and control of them are tied together at the rear of the mainframe, along with 3 BNC connections to match the 3 signals output (input).

So ... I'd appreciate any comments members might have on how this was used in the Army and how I might have fun with it now...

Thanks for reading this far and for any help on this!
Tom KE4RHH Bridgers@Leaders.CCL.org

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: David Stinson <72227.1640@compuserve.com>

Subject: ARC E-13B Rack

Message-ID: <951219054046_72227.1640_EHM101-1@CompuServe.COM>

I've acquired an Aircraft Radio Corp rack called an E-13B. It's grey wrinkle like the ARC type 12 stuff, and looks sorta like a two-receiver command set rack. The left slot has a single plug like for the back of the command receivers, while the right slot has dual plugs, sorta like on the back of the B-10 converter but angled. There are six plugs across the rear chassis top.

One knowledgeable OM here believes it may go to the ARN-30. Does anyone have any info about this rack, or about the ARN-30? Whatsa ARN-30?

73 DE Dave Stinson AB5S/7
72227.1640@compuserve.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: KC5IJD@aol.com

Subject: Re: ARC E-13B Rack

Message-ID: <951219071925_75818501@mail02.mail.aol.com>

>Does anyone have any info about this rack, or about the ARN-30?
>Whatsa ARN-30?

Dave,

ARN-30 was an A.R.C. VHF Navigation set made during the 50's. It's a direct link in the 'command' set lineage. As I recall, its the last to have the same form factor, rack type, tuning linkage, etc.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: merrigan@ee.ualberta.ca (Shaun Merrigan)

Subject: BA's in the Media

Message-ID: <199512182203.QAA18502@uro.theporch.com>

Greetings all!

Flipping through a Maclean's magazine (Oct 9,1995) I came across an ad for Motorola with a full page picture of a BC-611 (Contract # 10531-PHILA-45-01). Leaning against it is a "state-of-the-art" flip front cell-phone.

I'd like to know a bit more about the BC-611. Frequency range? Tube complement.....

Thanks

--

Shaun P. Merrigan
3rd Year EE University of Alberta
merrigan@nyquist.ee.ualberta.ca (Shaun Merrigan)

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: cfb@novum.com
Subject: Best BA Restoration Books
Message-ID: <Chameleon.951218223934.cfb@net.indra.com>

I'm looking for the best books on BA restoration. Please comment about these titles, or recommend others. Thanks.

Old Time Radios! Restoration & Repair by J. Carr
Fixing Up Nice Old Radios by David & Betty Johnson
Antique Radios Restoration Guide by David Johnson

Charles F. Bacon
cfb@novum.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: John Shriver <jas@shiva.com>
Subject: Re: Best BA Restoration Books
Message-ID: <199512191507.KAA24808@shiva-dev.shiva.com>

Fixing Up Nice Old Radios is by Romney, so far as I know. It's very uneven, but not without merit. He does discuss quite a few shortwave receivers, including some of the early Nationals. No transmitters at

all. Very practical approach to servicing. He's also against butchering equipment, wants you to leave it looking pretty much the same.

The editing is godawful, it's full of typos and paste-up botches. The photos are so-so, particularly their reproduction. (Kind of sad from a guy who also writes books on camera repair.)

It's rather needlessly littered with very right-wing political jabs at The New York Times, Dan Rather, Television, and the "media elite" who "are against everything America stands for." Maybe that would go down smoothly with some hams, but I found it irritating. (He thinks that shortwave broadcasters don't have that evil liberal bias. Not that the BBC ever struck me as "conservative." I suppose he's also a big fan of talk radio on broadcast AM.)

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Best BA Restoration Books
Message-ID: <9512191635.AA24047@bock.ih.att.com>

Pretty sure that "Fixing up nice old radios" is by David (?) Romney. It is by far the best of all the books. It leads you thru the theory and practice by case studies on actual radios. Each set is chosen for its intrinsic worth and its educational value. Romney also covers elaborate sets like Scott, and has an entire chapter devoted to ham rcvrs! He isn't afraid to make value judgments and say which sets are great and why. He'd be right at home on this List.

Nothing wrong with the other books, all of which I got before I found Romney's. It's just that Romney's is better. It's also good reading -- you can curl up in an armchair and imagine a fireside chat with the author. 73, mike k w9nrd

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Blooming Tektronix Not!
Message-ID: <199512190701.BAA01776@dlep1.itg.ti.com>

To conclude the thread I started a couple of months ago. (I hope!)

Finally got that rewind HV transformer back into my Tektronix 547. Seems to work OK. Looks like Bill Schell did a fine job: no indication of blooming, although it's a bit early to declare victory since I haven't had the scope on for very long. I'll try to give it a longevity test later in the week.

For the first time in years, though, my 547 has the HV covers in place. (I removed 'em to cool off the transformer.) Kinda satisfying if a tad expensive to replace the HV transformer. For sure the 547 is worth it. I just hope the rewind transformer lasts a long time. I suppose my 549 is about due for a rewind HV transformer as well, since it exhibits the same symptoms.

BTW, Bill Schell recommends replacing the HV rectifier tubes with solid-state diodes specifically to keep the HV transformer cool and prolong its life. See my next post on this subject!

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: David Adams <dave@flowserver.stem.com>
Subject: Cap values?
Message-ID: <9512181929.AA05428@flowserver.stem.com>

So, I've been digging through my hallimanuals (was bored this weekend) and noticed that in the manual all the cap values are given as mfd and mmf. Was this a hallicrafters thing or standard for the day? Through me a bit of a curve at first as I wasn't expecting it.

73 de dave, n9uxu

=====

David J Adams	N9UXU QRP-L #83
dave@flowserver.stem.com	NorCal QRP
(415) 813-5028	Flow Cytometry Specialist

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Cap values?
Message-ID: <9512182013.AA23417@syseng1.se.melpar.esys.com>

>So, I've been digging through my hallimanuals (was bored this
>weekend) and noticed that in the manual all the cap values are given
>as mfd and mmf. Was this a hallicrafters thing or standard for the
>day?

Dave,

"Pico" wasn't "officially" adopted for use until the 1960s. Prior to that it was "microfarad" (mfd) and "micromicrofarad" (mmfd). With the advent of "pico," mmfd became "pf" and picked up the slang name "puff." Same with "nano," it just wasn't seen before the '60s (which explains the use of the term "milli-micro" which you might run into occasionally with small inductors of the bygone era).

73,

Paul, K4MSG

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Neal McEwen <nmcewen@metronet.com>
Subject: Re: Cap values?
Message-ID: <199512190148.AA08663@metronet.com>

>
> "Pico" wasn't "officially" adopted for use until the 1960s.
> Prior to that it was "microfarad" (mfd) and "micromicrofarad"
> (mmfd). With the advent of "pico," mmfd became "pf" and picked up
> the slang name "puff." Same with "nano," it just wasn't seen
> before the '60s (which explains the use of the term "milli-micro"
> which you might run into occasionally with small inductors of the
> bygone era).
>
> Did anyone else use the slang "mickey-mike" for micro micro farad besides
> the local DFW guys ?

--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)
***** I collect old telgraph and wireless telegraph keys *****
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP
HomePage - http://fohnix.metronet.com/~nmcewen/techno_weenies.html

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Bob Roehrig <bproehrig@admin.aurora.edu>
Subject: Re: Cap values?
Message-ID: <Pine.ULT.3.91.951218210957.1102A-1000000@admin.aurora.edu>

On Mon, 18 Dec 1995, Neal McEwen wrote:

> Did anyone else use the slang "mickey-mike" for micro micro farad besides

> the local DFW guys ?

CERTAINLY!
Bob K9EUI

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: paul Veltman <veltman@netcom.com>
Subject: Re: Cap values?
Message-ID: <Pine.3.89.9512181922.A11539-0100000@netcom15>

> >
> Did anyone else use the slang "mickey-mike" for micro micro farad besides
> the local DFW guys ?

Oh, sure. Didn't everyone use the term "mickey-mike"? That was the standard term for micro-micro farad before the term was changed to pico.

73

Paul WA6OKQ

Who still measures frequency in cycles per second.

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: k1zat@bah.com
Subject: Re: Cap values?
Message-ID: <Pine.SUN.3.91.951218224616.21570F-1000000@booz.bah.com>

Neal --

On Mon, 18 Dec 1995, Neal McEwen wrote:

> Did anyone else use the slang "mickey-mike" for micro micro farad besides
> the local DFW guys ?

While I'm Texan by choice, we dont have the corner on "mickey-mike". In electronics trade school in CT many years ago, the instructor used it all the time and drummed it into us.

jd

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Henry van Cleef <vancleef@bga.com>

Subject: Re: Cap values?

Message-ID: <199512190500.XAA26935@zoom.bga.com>

As Neal McEwen said

>

> >

> Did anyone else use the slang "mickey-mike" for micro micro farad besides
> the local DFW guys ?

>

Huh? It was a standard term almost anywhere. Another one was
"motorcycles" for "megacycles."

"Picofarads" and "hertz" were in use in Europe in the fifties. I
remember working with some Italian iron that used both terms.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: Joe Spencer <jspencer@metronet.com>

Subject: Re: Cap values?

Message-ID: <Pine.HPP.3.90.951219111924.17117C-100000@fohnix.metronet.com>

Neal,

That's the terminology we used in High School Elcetronics, and in
college(in Ohio 60's/70's) and in the Navy electronics schools and
squadrons all over the world.

73 de Joe KK5NA

On Mon, 18 Dec 1995, Neal McEwen wrote:

> >

> Did anyone else use the slang "mickey-mike" for micro micro farad besides
> the local DFW guys ?

>

> --

>

> 73 de K5RW - Neal McEwen - Richardson, TX (Dallas)

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>

Subject: Re: Cap values? BA 378

Message-ID: <951219154151_103012.2130_GHU113-1@CompuServe.COM>

Dave, et al,

Some of this dupes other comments, but my memory says that the use of pf (for pico farad) didn't come into common useage until the early 60's, around the time I started at LSU. I recall one student who loved to say 'puff' by way of politically correcting an instructor who had just said 'mickey mike' (yeah, the slang term was used lots of places other than DFW). He claimed that he was going to denounce the guy to the IEEE if he didn't get a good grade! He went to work for Collins, as I recall. Before pf, it wasn't uncommon to go as far down as '.0001 ufd' before switching to uufd (the 'u' should actually be the Greek letter mu, but the <ALT>num pad trick doesn't work in WINCIM). The use of mfd and mmfd or mmf was also acceptable, although maybe less common.

Also, on some pre-war schematics, 'M' following a resistor value might mean the same as the current 'K' or 'k', i.e., 'times 1000'. The usage is generally apparent in the value of something on the schematic. After all, how many 470 megohm resistors have you ever seen? Fortunately, the practice seems to have fallen into disfavor before the beginning of WW-II, so most of the military BA manuals use 'K' for 'times 1000'. However, the Italians use 'Mill' or Millieone, meaning 'times 1000' in speaking of their currency. 20 Mill is 20,000 Lira (or to be totally correct, 20.000 Lira!). At roughly 1600 Lira to the US Dollar, you can understand why.

I don't care for 'Hertz' either, but my pet peave is the 'Pascal'. It takes a million of 'em just to get enough to breathe!

73, Robert Downs, WA5CAB
103012.2130@compuserve.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Confessions -- hey, MOM!
Message-ID: <9512181627.AA23811@bock.ih.att.com>

Could be worse. In the house I grew up in, and the much smaller house I live in now, one could lose on ENTIRE SP-600 and need weeks to find it! Now if I could just lose this CV-157 and get my workbench back....73, mike k w9nrd

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: johnmb <johnmb@nando.net>
Subject: Dial cord
Message-ID: <Pine.SUN.3.91.951218143849.16605B-100000@bessel.nando.net>

On Mon, 18 Dec 1995 glsmith@koess1.delcoelect.com wrote:

> Greetings all. What is the recommended source for dial cord.....

Radio Shacks dial cord kit!
/john

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: USSAILIS@forum.phast.umass.edu
Subject: Dial Cord
Message-ID: <01HYYYSG6SLU8ZEVEI@oitvms.oit.umass.edu>

Have used 30 odd pound nylon fishing line for dial cord since '56. Always worked just fine. My worst problem is getting the thing to go in the proper direction.

Jim, W1EQO
ussailis@forum.phast.umass.edu

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: k1zat@bah.com
Subject: Re:DIAL CORD REPLACEMENT
Message-ID: <Pine.SUN.3.91.951218223511.21570C-100000@booz.bah.com>

At 10:44 AM 12/18/95 -0600, you wrote:

>Greetings all. What is the recommended source for dial cord or replacement
>for dial cord? I don't think my local Radio Shack has anything like it

Last time I had the pleasure of restring a dial cord, I got the replacement from Wood's TV in Mechanicsville MD. That was about a 1.5 years or so ago and Mr Wood had a fairly large supply of the stuff then. You might give them a call at 301-884-3788 and see what he can do for you. Wood's also has a lot of tubes on the shelf still in the box.

jd

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: tomrice@netcom.com (Tom R. Rice)

Subject: Dial Cord slippage

Message-ID: <199512191714.JAA11670@netcom3.netcom.com>

>

> Have used 30 odd pound nylon fishing line for dial cord since '56. Always
> worked just fine. My worst problem is getting the thing to go in the proper
> direction.

If slippage does occur, the cure is violin bow rosin.

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: "Garey Barrell, K40AH" <75025.73@compuserve.com>

Subject: RE: Drake 2-B Calibrator

Message-ID: <951218201012_75025.73_FHD70-2@CompuServe.COM>

It is not a simple matter to "look inside" a Drake 2-AC calibrator. As Bill mentioned, there are four leads that go through the top of the copper plated chassis that are soldered. So you don't have to make any confessions, I already took mine apart and determined that the schematic is correct as drawn.

For the record, I unsoldered those nasty leads with my Weller D-440 soldering gun (vintage '59) without difficulty!

Garey - K40AH

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: Michael Crestohl <mc@shore.net>

Subject: Electronic Greeting Card for YOU!

Message-ID: <199512182325.AA03396@northshore.ecosoft.com>

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73 from Cynthia (VE2QF) and Michael (KH6KD/W1 & VE2XZ)
 Nahant Massachusetts U.S.A.
 Caretaker of boatanchors, spy and esoteric radio and crypto equipment.

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
 From: Michael Crestohl <mc@shore.net>
 Subject: Re: Electronic Greeting Card for YOU!
 Message-ID: <199512191238.AA15712@northshore.ecosoft.com>

Hello Larry:

Yes, I used to do up rtty art. I still have the punched tape around somewhere.....still have a Model 15 printer with loop supply and reperf all NIB stashed away somewhere. I miss the smell of the oil and ozone, but now is not a good time to try to use that stuff. No room!

The supplements are packed up ready to ship.

Cordially,

<pre> \ _ _ / \ _ _ / * / \ * \ / - * - - * - / \ * - - - - * / \ _ _ _ _ / \ </pre>	<p>H Michael Crestohl, KH6KD/W1 (also VE2XZ)</p> <p>Caretaker of "Boatanchors", Military, Gov't and "Spy" Radio Receiving and Transmitting Equipment.</p> <p>Trade offers always entertained!</p> <p>Internet: mc@shore.net</p> <p>LandLine 617-581-5479</p> <p>QTH: Nahant Massachusetts (a one-square mile island in Massachusetts Bay, eleven miles from Downtown Boston). Safest Town in the Commonwealth!</p>
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From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: WJoew@aol.com
Subject: FS: National BA
Message-ID: <951218171959_75424040@emout04.mail.aol.com>

I have a "thing" in my garage which I would be happy to put in your garage.

It is a "Frequency Shift Receiver" mfg by the National Company. It is a rack-mount (5 1/4") unit with 12 octal tube sockets, 4 plug-in coil sockets, plus one crystal socket.

Without tubes, plug-in coils or crystal.

All tube sockets are ceramic.

Kinda heavy, but I think \$10 will come close. Holler if you want it for \$10.

Joe

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: Going prices on HRO-7
Message-ID: <199512182038.MAA28120@ix4.ix.netcom.com>

Hi Anchorites:

Anyone have a feel for the going rate for a National HRO-7 with complete coil set? Condition reported to be very good, rack may be included, original owner. Local seller, so I can see first hand, but would like to get an idea of value.

Thanks,

John
N0GII
jschwart@ix.netcom.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Hertz-No!
Message-ID: <Pine.SOL.3.91.951218195102.26748C-100000@iglou2>

I can handle the pico stuff since it is a legit metric term. But I've been boycotting the Hertz ever since the 70's and intend to tote the

line. Cycles, Kilocycles and Megacycles mean something. I can see a cycle on a scope. Let Hertz rent cars.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: "Cal J. Eustaquio" <ceustaqu@violin.aix.calpoly.edu>
Subject: Re: Hertz-No!
Message-ID: <Pine.A32.3.91.951219042039.25462C-100000@violin.aix.calpoly.edu>

Steve:

Amen! Besides, are we using "pre-hertz" equipment with our BA's? Seems fitting. I like my Mcs (and kcs too). 73's. Cal.

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Michael Covington <mcovingt@ai.uga.edu>
Subject: Re: Hertz: No!
Message-ID: <199512190224.VAA28901@aisun3.ai.uga.edu>

Forwarded message:

> From: Steve Ellington <n4lq@iglou.com>
>
> I can handle the pico stuff since it is a legit metric term. But I've
> been boycotting the Hertz ever since the 70's and intend to tote the
> line. Cycles, Kilocycles and Megacycles mean something. I can see a cycle
> on a scope. Let Hertz rent cars.

Well, "cycles per second" means something; "cycles" does not mean "cycles per second," and that's the problem. But if you write "Mc/s" (for megacycles per second) as old RCA manuals did, you're on solid ground.

The argument against the Hertz is simply that it's the reciprocal of a unit we already have (the second), and in general we don't have to name the reciprocals. ("Per degree C" and "per meter" are not separately named units; why should "per second" be?)

But the reciprocal of the ohm has gotten dubbed the Siemens...

--

Michael A. Covington
Artificial Intelligence Center
The University of Georgia
Athens, GA 30602-7415 U.S.A.

<http://www.ai.uga.edu/faculty/covington/>
<><

Unless specifically indicated, I am
not speaking for the University.

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: clarke@next3.acme.ist.ucf.edu (Thomas Clarke)
Subject: Re: Hertz: No!
Message-ID: <9512191429.AA11200@next3.acme.ist.ucf.edu>

Michael Covington wrote:

>The argument against the Hertz is simply that it's the reciprocal of
>a unit we already have (the second)...reciprocals...
>are not separately named units

Not strictly true. The inverse of the second is one radian

per second. A cycle per second is two pi radians per second.
Perhaps being able to forget the two pi justifies a separate
unit.

Tom Clarke
KE4VFH

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
Subject: Re: Hertz: No!
Message-ID: <Pine.3.89.9512190815.C11899-01000000@mesa5.mesa.colorado.edu>

Come on guys (and gals),

The unit "Hertz" was invented to go along with the international policy
of having all units named after individuals and/or consist of one word.
So no more "anything per something" type units. (No more "webers/sq. m"
for example). Remember the "mho?" It's now the "Siemen." (sp???)

Somehow we got to the point of calling our vehicles "automobiles" or
"cars" instead of "horseless carriages." I suspect we can get used to
the hertz.

Jim Rybak W0KSD

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Hertz: No!
Message-ID: <Pine.ULT.3.91.951219154828.6760B-1000000@admin.aurora.edu>

On Tue, 19 Dec 1995, James P. Rybak wrote:

> Somehow we got to the point of calling our vehicles "automobiles" or
> "cars" instead of "horseless carriages." I suspect we can get used to
> the hertz.

Golly, Jim - you mean I'll have to abandon my favorite term for velocity -
Furlongs per Fortnight? :-)

73 de Bob, K9EUI

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: johnmb <johnmb@nando.net>
Subject: Re: Johnson modulator?
Message-ID: <Pine.SUN.3.91.951218152053.12919A-100000@parsifal.nando.net>

I have a schematic for the EFJ modulator for the Adventurer...
If you need a copy, drop a sase and I'll get one to you.
Best 73
/john

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: ferraro@ix.netcom.com (Michael Ferraro)
Subject: RE: Johnson Viking Ranger
Message-ID: <199512190424.UAA16839@ix5.ix.netcom.com>

>As a long time collector of just about any/every thing I have come to
>believe:
>The more impatient your are the more it costs.
>For what it's worth.
>Bill
>KB0USK

Bill: IMHO this is the most accurate statement made regarding this
thread....I always have said that I am not a collector of vintage
equipment, but rather a user. I have found that with patience, all
these "collectable" rigs will appear. These rangers were made by the
thousands, I believe 10,000 in all (ranger 1). Prices I have seen on
these rigs range from \$100 (about 4 years ago) to currently \$175 to
250. Rangers are not rare/scarce.....a price of \$450(mint) at the
current time would only be sold to an uninformed and non-patient
person.

Now, the KW-1 is a different story.....Only approximately 200

made....we are talking R...A....R...E and we are talking
S..C..A..R..C..E ! Same goes with the Globe King 500 C and the Johnson
Desk Kilowatt and others...but NOT the Ranger !

73's de Mike K6ZSR

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: K4MSG will be offline until 1/2/96
Message-ID: <9512191544.AA12660@syseng1.se.melpar.esys.com>

BAers & Clickers,

From 1600 EST today until 0830 1/2/96 I will be offline,
enjoying the holidays and playing BA and CW with my "toys."

Warmest Holiday Greetings to you all, and may 1996 bring you
and yours much joy and peace (and an occasional BA bargain, to
boot!).

VY 73,

Paul, K4MSG

```
=====
      *           Paul H. Bock, Jr. K4MSG           pbock@melpar.esys.com
    * *           Principal Systems Engineer        (703) 560-5000 x2062
*   *   *   *   E-Systems, FC Division           Falls Church, VA
    **  G  **
    * *   * *           We meet upon the level, and we part upon the square
    *   *   *
=====
```

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Measurements 59 dipper
Message-ID: <Pine.ULT.3.91.951218131638.27968D-100000@admin.aurora.edu>

I agree that the 59 is the best grid dip out there. I have 2 of them.
The Millen is 2nd on my list. I dug out my better 59 this morning to
repair it since it had died the last time I used it. Problem was a
bad 955. Luckily I had a spare. This got me to thinking about a simple

modification I performed on both meters. This mod is simple and the purpose is to keep the meter from flying off the end of the scale.

Remove the bottom cover of the meter chassis. Disconnect the white wire from the - terminal of the meter. Take a 2.7K 1/2 watt resistor and connect it to the cathode of a 1N914 (or equiv) diode. Connect the other end of the resistor to the - meter terminal. Connect the white wire to the junction of the resistor and diode. Connect the anode of the diode to the + meter terminal. That's it. Now even with the sensitivity control fully clockwise, the meter will not go above about 80.

73 de Bob, K9EUI (broehrig@admin.aurora.edu)

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: drichff@nando.net

Subject: Military Radios

Message-ID: <9512181944.AA10281@nando.net.nando.net>

Has anyone ever tried the military handheld or backpack radios that operate in the 30-50mhz range either from the 1950's or the 60's-70's? I would be interested in hearing your success in using any of these radios and the source/availability for these radios. I am planning on hiking the AT for about two weeks. I hiked a week on the at this past summer and would like to take a radio along that can withstand the abuse of the trail and get out with some reliability.

Dwayne

drichff@nando.net

Firefighter/EMT Fire Patch Trader Carolinas Fire Page (Disp.701)

Appalachian Trail Hiker (Trailname "Backdraft")

Ham Operator KC4ADW

"Life is also about the Journey not just the destination"

" Strive for Perfection, Settle for Excellence"

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: Robert Rice <rkrice@sam.neosoft.com>

Subject: Re: Military Radios

Message-ID: <30D65030.E7F@sam.neosoft.com>

> Has anyone ever tried the military handheld or backpack radios that
> operate in the 30-50mhz range either from the 1950's or the 60's-70's?
> I would be interested in hearing your success in using any of these radios and

the source/availability for these radios. I am planning on
> hiking the AT for about two weeks. I hiked a week on the at this past
> summer and would like to take a radio along that can withstand the > abuse of
the trail and get out with some reliability.

I have a AN/PRC-77 sitting on the floor in my radio room. Its kind of
a fun radio. Several practical considerations come to mind:

1. They actually are rather large and heavy for backpacking.
2. They are relatively low power, about 1 to 2 watts, if I remember right.
3. The standard military batteries are tough to find, but the PRC-77 does run on 12 volts, so all you need is a good size 12 volt gell-cell type battery. The PRC-25 wants 12 volts and I believe 3 (or 5?) volts for the one tube.
4. Its wide band FM, not the modern narrow.

All that said, its a decent radio, but it is not the same as using a modern ham set by any means.

Have fun!

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: KC5IJD@aol.com
Subject: Re: Military Radios
Message-ID: <951218192441_57804110@mail06.mail.aol.com>

>> Has anyone ever tried the military handheld or backpack radios that
>> operate in the 30-50mhz range either from the 1950's or the 60's-70's?
>
>I have a AN/PRC-77 sitting on the floor in my radio room. Its kind of
>a fun radio. Several practical considerations come to mind:
>1. They actually are rather large and heavy for backpacking.
>2. They are relatively low power, about 1 to 2 watts, if I
> remember right.
>3. The standard military batteries are tough to find, but the
> PRC-77 does run on 12 volts, so all you need is a good size 12
> volt gell-cell type battery. The PRC-25 wants 12 volts and I
> believe 3 (or 5?) volts for the one tube.
>4. Its wide band FM, not the modern narrow.

I have a number of these tactical sets - PRC-25, -68, 68A, -77 and -126.

Robert is correct that the PRC-25 and -77 might be a little heavy for backpacking. The -77 puts out between 2 - 4 Watts actually (however, it is designed for 14 or so volts nominal so with a 12 V gel cell you get less output). The PRC-25 (rated at between 1 - 2 Watts) wants 2.5 or so volts for the final tube - the -77 is all transistor. They are not NBFM

but they are not WBFM either. Actually they fall somewhere in between. Also, the PRC-25 and -77 REQUIRE the standard 150 Hz tone for squelch activation. You can operate without squelch.

The PRC-68 is a small handheld unit. It puts out 1 - 2 Watts and can be programmed with 10 channels. Frequency spacing like the -25 and -77 is 50 Kc. However, the channels are not individually programmable - you set up ten channels spaced 200 Kc apart. There is no frequency display. Batteries are not easy to find, but it works on 12 - 15 V (15 is nominal). I make my own (but also have been fortunate to have come across some 'real' batteries for the set). The -68, -68A and -126 transmit, but do not require for their squelch, the 150 Hz tone.

The PRC-68A allows for independently programmable channels. It also allows for 25 Kc frequency spacing. Programming is done through internal work. There is no frequency display. Power out is roughly the same as the -68. Batteries are not easy to find, but it works on 12 - 15 V (15 is nominal).

The PRC-126 is a further evolution of the PRC-68, -68A, -68B. It has externally programmable frequencies in 25 Kc channels. Will allow programming any desired split. It has an LCD display for each channel. Batteries are not easy to find, but it works on 12 - 15 V (15 is nominal).

The -68, -68A and -126 all have nearly the same output as the -77 HOWEVER range is more limited due to the antenna. The -25 and -77 have a more efficient antenna (read longer). You can use a longer antenna with the -68, -68A and -126 (its the same as the short antenna for the -25 and -77) but it still does not get you what you have with the -25 and -77.

I like the -68 and -126. For short range communications, they make excellent ham radios. I also use one of my -126s with an AM-7302 (and vehicular RF/AF amp) as my 6 meter base station. I love it and it works great on any voltage from 12 - 28 VDC.

You might also consider that you can rig up a better antenna and use it with that to gain quite a bit of range - the military recommended an end fed rhombic as I recall. You could also use a 6 meter amp with any of these radios. Would not add much weight to the setup - though you would need a good power source.

Hope this helps!

73

Joseph W Pinner

Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@compuserve.com>
Subject: Re: MILITARY RADIOS BA 378
Message-ID: <951219154156_103012.2130_GHU113-2@CompuServe.COM>

AN/PRC-25's and AN/PRC-77's modified for secure voice ARE WBFM, +/- 100 kc, as I recall. I think that this applies to most -25C's. Not sure on the -77's. The nice thing about the PRC-25 is that if some unfriendly character shoots you in the back and hits the radio instead, you'll probably survive. At least, the Marine who brought me his to fix did. Same WBFM statement applies to some RT-274 and RT-524 sets. I thought that the tone-squelch feature could be turned off, but maybe that was just on the Jeep sets.

The 50's vintage AN/PRC-6 and AN/PRC-8,9,10 are somewhat smaller, but use harder to find dry batteries. They use vacuum tubes, only. I think that they're more fun to 'play' with, but I don't think that I'd take one of them off on a back-packing trip unless I could fix it, or had a Signal Corps tech along who could.

Joe Pinner's comments are well put. Unless you're a fanatic (like me!) go with the 12-15v stuff. I don't have any of it. Try Gene Liptek at Tartan Electronics (he's down until after Christmas) or Fair Radio, or maybe someone else on BA.

I think that Joe is also correct about the half rhombic, although I don't have one. I do have one of the elevated ground planes that were supplied (RC-291/292). Uses MS-116,7,8 or AB-21,2,3,4 elements, depending on frequency. You'd need someone along just to pack the antenna! And the MP-73 Mast Base is hard to find.

73, Robert Downs, WA5CAB
103012.2130@compuserve.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: KC5IJD@aol.com
Subject: Re: MILITARY RADIOS BA 378
Message-ID: <951219145539_94566300@emout06.mail.aol.com>

> I thought that the tone-squelch feature could be turned

>off, but maybe that was just on the Jeep sets.

Yes, you can have either 'old' (noise) or 'new' (tone) squelch on the RT-524. But you have no choice with the PRC-25 and -77.

Robert is probably correct about some -25s being WBFM, but I don't really think that the PRC-77s are. However, I will research it tonight.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: k3drj@radix.net (Jim Harding)
Subject: National Velvet Dial
Message-ID: <199512190929.EAA28359@news1.radix.net>

While digging through some junk today, I uncovered a new in the box National Radio Products "Velvet Vernier Dial" model type SCN. This dial is approx 4 1/2 inches by 6 1/4 inches with a 5 to 1 reduction gear mechanism. Finish is black wrinkle. Template and instructions included. It is however missing the piece that mates the reduction gear to a capacitor shaft. I have absolutely no idea of this item's value. Any help from the group would be appreciated, as I will most likely offer this for sale. It's been hiding in my closet for many years, and I have no immediate use for it. It's too pretty to leave in there!!

73 - Jim K3DRJ LaPlata, MD

k3drj@radix.net

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: National Velvet Dial
Message-ID: <Pine.ULT.3.91.951219071527.5578B-100000@admin.aurora.edu>

On Tue, 19 Dec 1995, Jim Harding wrote:

> While digging through some junk today, I uncovered a new in the box

> National Radio Products "Velvet Vernier Dial" model type SCN. This dial is
> approx 4 1/2 inches by 6 1/4 inches with a 5 to 1 reduction gear mechanism.
> Finish is black wrinkle. Template and instructions included. It is however
> missing the piece that mates the reduction gear to a capacitor shaft.

I have a couple of the same dials you mentioned, Jim. But mine say they are
type ACN-1 dials. Anyway, I think that many military dials used the same
basic mechanism (or one that will work) - like the tuning units for the
BC-375 or BC-191 if I remember right.

73 de Bob, K9EUI

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)
Subject: Need HT-32A Schem & R. Fowle #
Message-ID: <819404412.6709782@AppleLink.Apple.COM>

Greetings all -

I'm still looking for the SAMS, Schematic, or Manual for a Hallicrafters
HT-32A. Also, if anyone has Rob Fowle's new e-mail address or landline
number I'd appreciate it. I'd like to confirm his receipt of a package.

Many thanks

-df

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Other mailing lists
Message-ID: <9512190610.AA24266@texan.frco.com>

Several people wanted to know about the vintage solid state
list and the glowbugs list. I subscribed to both on Saturday.
The weekend was very slow for all lists, with less than a
dozen for boatanchors and vss, and none for glowbugs. Now,
this may have been a problem with my mail system, but I had
no trouble getting each list processor to talk to me.

To subscribe to any list, you must send mail to listproc
at the list site. Leave the subject blank, and put the
following single line in the body of the message:

subscribe listname your name

Listname is vss or glowbugs (or boatanchors). Your name is your given name, as two words - not your address. Your address is automagically extracted from your message. This works fine for Unix systems on the Internet, and less well for Microsoft or Lotus mailers, or firewall systems. If there is a problem, you will get an error message with a copy to the list administrator. Write to that person directly if you can't fix it yourself.

The list site for glowbugs is the same as boatanchors:

listproc@theporch.com

The list site for vintage solid state is:

listproc@mlist.access.digex.net

Some people said vss was at acm.org, but I haven't tried that yet.

You can ask a list processor for:

statistics listname

which returns a list of unconcealed people with the number of messages each has posted, and the total messages. For boatanchors, 70 people are unconcealed and the total is 11757 messages. Glowbugs only shows one person unconcealed, and 450 total messages. Vss has 110 unconcealed, of which 68 have never sent a message. The total was 345.

Bill Hawkins

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Other mailing lists
Message-ID: <9512191641.AA24059@bock.ih.att.com>

I got on VSS a couple weeks ago. I get maybe one posting every two days, about 1/100 of the BA traffic.

So if you tried to subscribe to VSS but think you didn't score, be patient. I haven't tried posting anything yet to see how well that works. Anyway it's definitely low volume for now. 73, mike k w9nrd

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: haynes@cats.ucsc.edu (Jim Haynes)
Subject: Paragon Type Two?
Message-ID: <199512190726.XAA15755@hobbes.UCSC.EDU>

While I was on vacation a woman showed me a Paragon Type Two receiver that had been handed down in her family. It's missing the two tubes - did it use 01A-s? Or a 00A and a 01A? Was it a kit or factory made? Broadcast band or some other frequency range? Any idea what it's worth, in so-so condition? (It's not for sale, but I'd like to give her some idea of its value.)

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Paragon Type Two?
Message-ID: <9512191650.AA24064@bock.ih.att.com>

I had a Paragon RA-10, which is one half of an rx (the tuning coils and caps; the tubes were all in the other half, which I've never seen). Anything by Paragon is beeeeg buckos. My RA-10 books at about \$500, tho I let it go for a little less.

01As would be right. But in those early days it was normal to use an 00 "woft" tube in the detector socket. (woft == soft). And the "A" just means a newer version of the tube that needs only a quarter amp, not a full amp of fil current. Depending on how the set's rheostats are set up, one version may be easier to control than the other. Period-wise, non-A tubes with brass bases and glass teat, and an 00 detector, would be most appropriate, tho harder to find.

Paragons typically covered BC band plus longwave and some shortwave. Hams loved them. The antenna circuit is pretty elaborate, with tapped loading coils for longwave. Separate resonance tuning for grid and plate on the regenerative detector -- real tricky to operate, but sensitive when you get it right, so I hear.

Quite likely "factory" made, meaning a workroom where people crafted them by hand.
73, mike k w9nrd

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Potter & Brumfield Type KA relays wanted
Message-ID: <9512182112.AA24921@syseng1.se.melpar.esys.com>

Looking for Potter & Brumfield type KA open-frame relays

with 6.3 VAC coils only. Please e-mail stating # of poles and price to: pbock@melpar.esys.com

73,

Paul, K4MSG

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: GDentHouTX@aol.com
Subject: Re: R388 questions
Message-ID: <951218131040_57477538@mail06.mail.aol.com>

Phil (et al):

K101 operating voltage is 12VDC. My -388 has the same mod and the penciled-in notes on the schematic show the switch wired in between the coil of the relay and terminal "2" of the "REMOTE" terminal strip on the rear panel. This is supposed to ground the grid of the 3rd IF and remove screen voltage to mute the RX during xmit. Mine has been modified to take a xmit mute output directly from the TX (in this case, KWM-2A) into a mini-jack on the rear panel to accomplish the same thing, so the switch is currently non-functional in it as well. I've got documentation on some other mods (for prod. detector, etc.) if you're interested.

Happy Holidays & 73, Gerald KC5RNX (ex-WA5TVM)
GDentHouTX@aol.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Scott_Johnson-AZAX60@email.sps.mot.com
Subject: RE>Re- Hertz-No!
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

RE>Re: Hertz-No!

12/19/95

Yeah, great idea. we should also return to micro-micro farads and cease using any SI units. It'll be a great way for us to become global competitors. Everyone will follow in our wake! Long live a system of meaningless units based on the size of his majesties hardware! Seriously, this is evolution and we should embrace it, just as we embrace the improvements made in technology since the days when our boat anchors were produced. After all, we are not conversing via BA, are we?

73, Scott

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Nick England <nick@cs.unc.edu>
Subject: Re-cycle Hertz
Message-ID: <199512191641.LAA14240@altair.cs.unc.edu>

I'll be on the 15.4 furlong band tonight, somewhere around
24.4 megaradians/sec. See you there.
Happy Holidays and have fun,
Nick KD4CPL

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: johnmb <johnmb@nando.net>
Subject: Re: Re-cycle Hertz
Message-ID: <Pine.SUN.3.91.951219124922.760A-1000000@bessel.nando.net>

Back in a previous life, when I had the fortune to manage
a VAX system for my department, I dumped the system parameter
file, and noticed that one obscure system parameter was
defined in the system (due to one of the VMS software
developers) with units of "femto-fortnights".) I dunno if
it is still in VMS that way. DEC is not nearly as much fun
now to work at, as it was about 10 years ago!
/john

On Tue, 19 Dec 1995, Nick England wrote:

>
> I'll be on the 15.4 furlong band tonight, somewhere around
> 24.4 megaradians/sec. See you there.
> Happy Holidays and have fun,
> Nick KD4CPL
>

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: dt@scotborders.co.uk (David Topham - Arts & Science)
Subject: Re: RE>Re- Hertz-No!
Message-ID: <9512191544.AA07171@scotborders.co.uk>

RE>Re: Hertz-No! - Scott Johnson 12/19/95

>Yeah, great idea. we should also return to micro-micro farads and cease

>using any SI units.

Not long ago I found the following gem in a Philips data book:

"Although in the SI system the standard unit of mass is the kilogram, a mass of one thousandth of a gram should be referred to as a milligram, and not as a microkilogram."

>this is evolution and we should embrace it, just as we embrace the
>improvements made in technology since the days when our boat anchors were
>produced. After all, we are not conversing via BA, are we?

As a reformed slayer of BAs I'm delighted we use more disposable kit to communicate. The filaments are going out all over Europe....

David Topham GM3WKB dt@artscience.scotborders.co.uk

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: MEC <danmec@inet.uni-c.dk>

Subject: Re: RE>Re- Hertz-No!

Message-ID: <Pine.3.89.9512192305.A10453-0100000@inet.uni-c.dk>

> RE>Re: Hertz-No! 12/19/95
> Yeah, great idea. we should also return to micro-micro farads and cease
> using any SI units. It'll be a great way for us to become global
> competitors. Everyone will follow in our wake! Long live a system of
> meaningless units based on the size of his majesties hardware! Seriously,
> this is evolution and we should embrace it, just as we embrace the
> improvements made in technology since the days when our boat anchors were
> produced. After all, we are not conversing via BA, are we?

>

>

73, Scott

FINALLY SOMEONE SAID SOMETHING MEANINGFUL ON THIS SUBJECT.

73 RAG OZ8RO

"WORLD CITIZEN"

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: aculbert@pps1-po.phyp.uiowa.edu

Subject: RELAY FOR KWM-2

Message-ID: <199512192003.0AA13063@ns-mx.uiowa.edu>

Any suggestions as to a source for relay K3, Collins p/n 970-1914-00, which is

```
&v6S      / \      &v0SD O U G   C L A R K
&v6S      / / \     &v0SPProduct Engineering, Location 0100-2002
&v6S  __   /_ / \    &v0SCommunications Components Division
&v6S/_/\   __\ \ \_ \
&v6S\ \ \ / \ \ \ \ /
&v6S \ \ \ /  \ \ \ /
&v6S  \ \  / \ \ \ \
&v6S   \ \ \ \ \ \ \ \
```

&v6S \ \ _\/ \ \ \ &v1SAddress: &v2SHP-CMCD, MS NK4
&v6S \ \ \ _\/ &v2S 39201 Cherry St.
&v6S _\/ &v2S Newark CA 94560

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: w7ni@teleport.com (Stan Griffiths)
Subject: Soldering Gun FS
Message-ID: <199512182212.0AA02975@desiree.teleport.com>

Because of the recent discussion of soldering tools, it has come to my attention that some people are fond of soldering guns. I am not, so I am accepting bids on my Model 8100 Weller Soldering Gun. It is rated at 120 VAC and 1.1 amps. It is an older model but works and looks just fine. I just put a new tip in it. The plastic case is not cracked or broken.

I priced a new Weller Model 8200 last week and it was more than \$33. I am asking a minimum bid of \$10 plus \$5 for shipping and I will accept the highest bid received by end of December 26, 1995.

Stan W7NI@teleport.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Bill Sorsby <bill.sorsby@dlepl.itg.ti.com>
Subject: Solid-State Tektronix HV Mod
Message-ID: <199512190725.BAA05478@dlepl.itg.ti.com>

Greetings Fellow Tekkies,

I finally found the perfected mod for solid-stating the old Tektronix HV supplies.

Bill Schell, who rewinds the Tektronix HV transformers recommended doing this specifically to keep the rewound transformer cool and hence prolong its life. When he informed me that he also sold the solid-state HV diodes for \$3.00 apiece I bought one to use in the regulator loop. (I already had solid-state diodes which seem to work fine in the other high voltages.)

The diodes Bill sells work quite well in the regulator loop. The calibration of my 547 remained intact when using the diode I bought from Bill, but no so well using a 12 kV diode I bought from Allied a while back. Bill also recommended increasing plate resistor value for the 12AU7 tube to keep loop operating voltages at design levels. Since I didn't have the requisite larger value resistor (120k 2 watt vs the original 56k 2 watt), I haven't replaced it yet in my 547. Seems to work fine as is, though.

The markings on the diode consist of a triangle inscribed in a circle followed by the numbers 0429 6244. If someone recognizes the marking, you might post it to the list.

You can order these diodes from:

Bill Schell, AA4AY
10102 Winder Trail
Orlando, FL 32817
phone: (407)282-4289

Don't have a clue as to what's different about the HV diodes Bill is selling, but it proves once again that parts selection is everything to design.

BTW, replacing the 5642's with solid-state diodes is a piece of cake!

Regards,

Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995

From: Grant Youngman <gyoungma@gtetel.com>

Subject: Source for Temp. Comp. Caps?

Message-ID: <Chameleon.951218215601.gyoungma@gyoungma.gtetel.com>

Gang ..

Does anyone know where to find N750/N1500/etc. caps? Allied and Newark stock COG types (NP0) but not any of the other typical tolerance values like U2J (N750), P3K (N1500) etc.

I'm specifically looking for 5pf N750/U2J types.

Grant

Grant Youngman -- NQ5T

WANTED: Hammarlund SPC-10

gyoungma@gtetel.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995

From: MICHAEL@ecs.umass.edu

Subject: SUNsite down
Message-ID: <01HYZRFO0WMA8Y5CF3@ECS.UMASS.EDU>

In case you've tried to retrieve some files from the SUNsite archives without success today, they've had a disk crash. Here's the message that was posted in the main directory:

Sorry

SunSITE has suffered a catastrophic disk failure. We are restoring from the backup system. SunSITE will go back on-line as soon as the system is restored. We apologize for any inconvenience.
Have a pleasant holiday season.

Best wishes to you all,

John Michael michael@ecs.umass.edu

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Andy Howard WA4KCY <102452.362@compuserve.com>
Subject: SX-88 Owners
Message-ID: <951219063533_102452.362_DHT65-1@CompuServe.COM>

Hello out there -

I am compiling a list of owners of the rare SX-88 Hallicrafters receivers. There were approximately 500 build in the mid-fifties. Where are they? I don't want to buy your rig and will not pester you to sell it since I have one already. Your replies to me via my private E-mail address will be kept confidential if you so desire. Please send me your serial number, run number and other information about your SX-88. I would like to account for as many as possible. So far I only know of 5 that still exist. That is only 1 percent.

Thanks and Merry Christmas.

Andy Howard, WA4KCY
Compuserve 102452,362

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Nick England <nick@cs.unc.edu>
Subject: SX-88 parts needed
Message-ID: <199512191442.JAA13749@altair.cs.unc.edu>

I am still looking for a band selector toothed belt (Small Parts Inc, etc can't help), an unwarped metal Bezel (mine looks like plastic left in a car on a hot day), and T5 the 2nd mixer oscillator coil (busted slug). If you ever come across a parts unit (rare I know) please let me know.
73 & thanks,
Nick KD4CPL
nick@cs.unc.edu

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: lstolz@tekelec.com (Lynn Stolz)
Subject: Re: TRADE: 2nd Ed. Radio HB for 3rd Ed. Radio HB
Message-ID: <9512182147.AA24863@london.oh.tekelec.com>

I'm Looking to trade a Second edition (1936) Radio Publications Handbook for a Third Edition (1937) Radio Handbook. The 3rd edition has the title "Frank C Jones Radio Handbook".

Lynn Stolz, N8AJ -- lstolz@tekelec.com

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Earl Landry <0006514266@mcimail.com>
Subject: Untitled
Message-ID: <93951218202839/0006514266ND1EM@MCIMAIL.COM>

Fellow BA's:

I am trying help a friend find a manual for a Hallicrafters S-27 receiver. Not being a hallicrafters collector I am not familiar with this model. Is it anything like a S-28?

Anyway, I am looking for the manual for this. A photocopy would be fine.

Thanks.

Earl Landry - AB5VM

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: john <johnmb@nando.net>
Subject: Wanted: SX100 S-Meter
Message-ID: <9512190134.AA27317@merlin.nando.net>

Can anyone help me find a s-meter for this radio? I think many Halli

rigs of the era sported this meter...

Thanks
/john

MERRY CHRISTMAS!

From boatanchors@theporch.com Tue Dec 19 00:15:44 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: your mail
Message-ID: <Pine.ULT.3.91.951218130759.27968B-100000@admin.aurora.edu>

On Mon, 18 Dec 1995 glsmith@koess1.delcoelect.com wrote:

> Greetings all. What is the recommended source for dial cord.....

I always use fishing line.
73 de Bob, K9EUI

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: Andy Wallace <wallace@mc.com>
Subject: zillion holes -- stripping? (Drake)
Message-ID: <9512192028.AA03250@taku>

So here's a tough one. If I were wanting to strip and repaint, say, a Drake R-4 cabinet, what is the best way to get all the paint out of those leeeetle perforated holes?

I don't relish the thought of using a round needle file.

And as a secondary thought -- what's a good paint to use to repaint the cabinet? I assume a SEMI-gloss black would do.

--Andy
wallace@mc.com

From boatanchors@theporch.com Tue Dec 19 16:16:30 1995
From: mallick@orion.crd.ge.com (John Mallick)
Subject: Re: zillion holes -- stripping? (Drake)
Message-ID: <9512192055.AA06065@orion.crd.ge.com>

I assume a good chemical stripper would get the stuff out of the holes, but it might be a mess. Maybe a sandblaster???

BTW, I recall that the paint used on the C-line units was epoxy-based to make it tougher to scratch. Might be a problem to strip. Anyone out there confirm this?

73, John WA1HNL